

TRAILER LOADER/UNLOADER WITH PULLOUT SECTION

Abstract

An extendable conveying system for either loading product to or unloading product from a trailer includes an extendable section which defines a conveying surface. The system further includes a pullout section that defines a support surface. The pullout section has an extended position and a retracted position. When the pullout section is in its extended position, its support surface at least partially extends from the conveying surface. The system further includes an energy-storing device connected with the pullout section and the extendable section. The energy-storing device stores energy as the pullout section is moved from either the extended or retracted position to the other of the extended or retracted positions. The energy storing device then delivers energy to the pull-out section as the pull-out section is moved from the other of the extended or retracted positions to the initial of the extended or retracted positions.